Improvements to roads and drains at Mariyamma Block and surrounding areas in ward no.11 in Kuvempunagar

EMB

First and Final Bill

Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at Mariyamma Block and surrounding areas in ward no.11 in Kuvempunagar

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer in charge										
			Cum									
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								602.96		
									TOTAL	602.96	207.60	125175.00
									Tender Quantity	612.02		
Item no.02		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer in charge										
			Sqm									
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								216.72		
									TOTAL	216.72	111.30	24121.00
									Tender Quantity	216.72		
Item No. 03		Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. and as per the directions of the Engineer in charge										
Measurements Taken On :												
		Kuvempu Nagar										
		4th Cross Masti Venkatesh iyengar Road										
		RHS (North Side)										
		From Singapura Main Road To Cross Road										
0	4		Sqm	1	4.00	1.80	1.80	1.80		7.20		
27	33		Sqm	1	6.00	1.80	1.80	1.80		10.80		
54	66		Sqm	1	12.00	1.80	1.80	1.80		21.60		
86	93		Sqm	1	7.00	1.80	1.80	1.80		12.60		
117	126.6		Sqm	1	9.60	1.80	1.80	1.80		17.28		
146	155		Sqm	1	9.00	1.80	1.80	1.80		16.20		
168	172		Sqm	1	4.00	1.80	1.80	1.80		7.20		
									TOTAL	92.88	742.00	68917.00
									Tender Quantity	92.88		

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engin... Vidyaranyapura Sub Divis... BBMP, Bangalore - 97

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.04		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer in charge										
			Cum									
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								**392.08**		
									TOTAL	**392.08**	**5408.12**	**2120417.00**
									Tender Quantity	**392.08**		
Item no.05		Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. and as per the directions of the Engineer in charge										
Measurements Taken On :												
		Mariyamma Block										
		West Side										
		Cross Road 4										
		LHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Sqm	2	15.00				0.20	6.00		
15	30		Sqm	2	15.00				0.20	6.00		
30	45		Sqm	2	15.00				0.20	6.00		
45	51		Sqm	2	6.00				0.20	2.40		
		RHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Sqm	2	15.00				0.20	6.00		
15	30		Sqm	2	15.00				0.20	6.00		
30	45		Sqm	2	15.00				0.20	6.00		
45	52.85		Sqm	2	7.85				0.20	3.14		
		West Side										
		Cross Road 5										
		LHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Sqm	2	15.00				0.20	6.00		
15	30		Sqm	2	15.00				0.20	6.00		
30	45		Sqm	2	15.00				0.20	6.00		

C & FC

Assistant Executive Engineer
Vidyaranyapura Sub Divisic.
BBMP, Bangalore-97

59.54

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Contactor Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
45	50.9		Sqm	2	5.90				0.20	2.36		59.54
		RHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Sqm	2	15.00				0.20	6.00		
15	30		Sqm	2	15.00				0.20	6.00		
30	45		Sqm	2	15.00				0.20	6.00		
45	50.6		Sqm	2	5.60				0.20	2.24		
		East Side										
		Cross Road 3										
		LHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Sqm	2	15.00				0.40	12.00		
15	30		Sqm	2	15.00				0.40	12.00		
30	40		Sqm	2	10.00				0.40	8.00		
		RHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Sqm	2	15.00				0.20	6.00		
15	30		Sqm	2	15.00				0.20	6.00		
30	38.4		Sqm	2	8.40				0.20	3.36		
		East Side										
		Cross Road 4										
		LHS (North Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Sqm	2	15.00				0.40	12.00		
15	30		Sqm	2	15.00				0.40	12.00		
		RHS (South Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Sqm	2	15.00				0.40	12.00		
15	30		Sqm	2	15.00				0.40	12.00		
30	36.8		Sqm	2	6.80				0.40	5.44		

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

1882-94

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Kuvempu Nagar										
		4th Cross Masti Venkatesh iyengar Road									182.94	
		RHS (North Side)										
		From Singapura Main Road To Cross Road										
0	30		Sqm	2	30.00				0.60	36.00		
30	60		Sqm	2	30.00				0.60	36.00		
60	69		Sqm	2	9.00				0.40	7.20		
69	70.8	No Work	Sqm	2	0.00				0.00	0.00		
70.8	100.8		Sqm	2	30.00				0.60	36.00		
100.8	130.8		Sqm	2	30.00				0.60	36.00		
130.8	160.8		Sqm	2	30.00				0.60	36.00		
160.8	175.3		Sqm	2	14.50				0.60	17.40		
									TOTAL	**387.54**	**1019.72**	**395182.00**
									Tender Quantity	**387.51**		

Item no.06	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer in charge
Measurements Taken On :	

		Mariyamma Block										
		West Side										
		Cross Road 4										
		LHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
30	45		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
45	51		Cum	2	6.00	0.20	0.20	0.20	0.10	0.24		
		RHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
30	45		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
45	52.85		Cum	2	7.85	0.20	0.20	0.20	0.10	0.31		

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

Contactor BMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
		West Side										
		Cross Road 5										
		LHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
30	45		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
45	50.9		Cum	2	5.90	0.20	0.20	0.20	0.10	0.24		
		RHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
30	45		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
45	50.6		Cum	2	5.60	0.20	0.20	0.20	0.10	0.22		
		East Side										
		Cross Road 3										
		LHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
30	40		Cum	2	10.00	0.20	0.20	0.20	0.10	0.40		
		RHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
30	38.4		Cum	2	8.40	0.20	0.20	0.20	0.10	0.34		
		East Side										
		Cross Road 4										
		LHS (North Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		

4.15

Assistant Executive Engineer
Vijayanagara sub Division
BBMP, Bangalore-97

18.55

RUDRAPRASAD CONSULTANTS BANGALORE

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
		RHS (South Side)										
		From Dead End To mariyamma Block Main Road									12.55	
0	15		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
15	30		Cum	2	15.00	0.20	0.20	0.20	0.10	0.60		
30	36.8		Cum	2	6.80	0.20	0.20	0.20	0.10	0.27		
		Kuvempu Nagar										
		4th Cross Masti Venkatesh iyengar Road										
		RHS (North Side)										
		From Singapura Main Road To Cross Road										
0	30		Cum	2	30.00	0.20	0.20	0.20	0.10	1.20		
30	60		Cum	2	30.00	0.20	0.20	0.20	0.10	1.20		
60	69		Cum	2	9.00	0.20	0.20	0.20	0.10	0.36		
69	70.8	No Work	Cum	2	0.00	0.00	0.00	0.00	0.00	0.00		
70.8	100.8		Cum	2	30.00	0.20	0.20	0.20	0.10	1.20		
100.8	130.8		Cum	2	30.00	0.20	0.20	0.20	0.10	1.20		
130.8	160.8		Cum	2	30.00	0.20	0.20	0.20	0.10	1.20		
160.8	175.3		Cum	2	14.50	0.20	0.20	0.20	0.10	0.58		
										TOTAL	**20.96**	**5747.32**	**120475.00**
										Tender Quantity	**20.96**		
Item no.07		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer in charge										
			Cum									
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								61.56		
										TOTAL	**61.56**	**5505.64**	**338952.00**
										Tender Quantity	**61.56**		

Assistant Executive Engineer, Vijayanagar Sub Division, BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.08		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the directions of the Engineer in charge										
Measurements Taken On :												
		Bottom Raft										
		Mariyamma Block										
		East Side										
		Cross Road -2										
		RHS (South Side)										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	30		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
30	43.05		Cum	1	13.05	0.95	0.95	0.95	0.15	1.86		
		LHS (North Side)										
		From Dead End To Mariyamma Block Main Road										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	30		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
30	42.1		Cum	1	12.10	0.95	0.95	0.95	0.15	1.72		
		West Side										
		Cross Road -3										
		LHS (South Side)										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91		
15	30		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91		
30	45		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91		
45	55.65		Cum	1	10.65	0.85	0.85	0.85	0.15	1.36		
		West Side										
		Mariyamma Block Main Road (Cross Road 3 to Cross Road)										
		From Cross Road 4 to Cross Road 3										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	30.8		Cum	1	15.80	0.95	0.95	0.95	0.15	2.25		

23.62

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		West Side										
		Mariyamma Block Main Road (Dead End)										23.62
		From Dead End										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	24.2		Cum	1	9.20	0.95	0.95	0.95	0.15	1.31		
		East Side										
		Mariyamma Block Main Road (Dead End)										
		From Dead End To Cross Road 6										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	18		Cum	1	3.00	0.95	0.95	0.95	0.15	0.43		
18	23.9	Culvert	Cum	1	0.00							
23.9	38.9		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
38.9	41.9		Cum	1	3.00	0.95	0.95	0.95	0.15	0.43		
		Muniswamappa Layout (Devappa Layout)										
		Cross Road 1 (V.S Store To G.v Rama Rao House Road)										
		RHS (North Side)										
		From V.S Store To G.v Rama Rao House Road										
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
15	30		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
30	45		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
45	60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14		
60	62.5		Cum	1	2.50	0.95	0.95	0.95	0.15	0.36		
		Cross Road 2 (G.v Rama Rao House Road To Main Road)										
		LHS (North Side)										
		From G.v Rama Rao House Road To Main Road										
0	15		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
15	30		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
30	45		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
45	60		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
60	70.5		Cum	1	10.50	0.90	0.90	0.90	0.15	1.42		

50.67

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Contactor Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Side Wall										
		Mariyamma Block										
		East Side										
		Cross Road -2										
		RHS (South Side)										
		Block Main Road To Dead End										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
30	43.05		Cum	2	13.05	0.15	0.15	0.15	0.70	2.74		
		LHS (North Side)										
		Mariyamma Block Main Road										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
30	42.1		Cum	2	12.10	0.15	0.15	0.15	0.70	2.54		
		West Side										
		Cross Road -3										
		LHS (South Side)										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.50	2.25		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.50	2.25		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.50	2.25		
45	55.65		Cum	2	10.65	0.15	0.15	0.15	0.50	1.60		
		West Side										
		Mariyamma Block Main Road (Cross Road 3 to Cross Road)										
		From Cross Road 4 to Cross Road 3										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
15	30.8		Cum	2	15.80	0.15	0.15	0.15	0.70	3.32		
		West Side										
		Mariyamma Block Main Road (Dead End)										
		From Dead End										
0	15		Cum	2	15.00	0.12	0.12	0.12	0.60	2.16		
15	24.2		Cum	2	9.20	0.15	0.15	0.15	0.75	2.07		

50.67

CAFE

97.6

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		East Side										
		Mariyamma Block Main Road (Dead End)										
		From Dead End To Cross Road 6										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.60	2.70		
15	18		Cum	2	3.00	0.15	0.15	0.15	0.75	0.68		
18	23.9	Culvert	Cum	2	0.00							
23.9	38.9		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
38.9	41.9		Cum	2	3.00	0.15	0.15	0.15	0.75	0.68		
		Muniswamappa Layout (Devappa Layout)										
		Cross Road 1 (V.S Store To G.v Rama Rao House Road)										
		RHS (North Side)										
		From V.S Store To G.v Rama Rao House Road										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
60	62.5		Cum	2	2.50	0.15	0.15	0.15	0.65	0.49		
		Cross Road 2 (G.v Rama Rao House Road To Main Road)										
		LHS (North Side)										
		From G.v Rama Rao House Road To Main Road										
0	15		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
15	30		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
30	45		Cum	2	15.00	0.15	0.15	0.15	0.65	2.93		
45	60		Cum	2	15.00	0.15	0.15	0.15	0.70	3.15		
60	70.5		Cum	2	10.50	0.15	0.15	0.15	0.70	2.21		
									TOTAL	**121.29**	**7070.20**	**857545.00**
									Tender Quantity	**121.39**		

Assistant Executive Engineer Rajajinagara Sub Division BBMP, Bangalore-97

23.62
27.05
36.93
33.80
121.4

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.09		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer in charge										
			Tonn									
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								**8.44**		
									Tender Qty	8.44		
									Now to be Paid	8.44	**72326.98**	**610192.00**
Item no.10		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, ead and lift,transportation etc ,copmplete. and as per the directions of the Engineer in charge										
Measurements Taken On :												
		Mariyamma Block										
		East Side										
		Cross Road -2										
		RHS (South Side)										
		From Mariyamma Block Main Road To Dead End										
0	10.1		Sqm	1	10.10	0.75	0.75	0.75		7.58		
10.1	29.6	BS Slab	Sqm	1	19.50	0.00	0.00	0.00		0.00		
29.6	43.05		Sqm	1	13.45	0.75	0.75	0.75		10.09		
		LHS (North Side)										
		From Dead End To Mariyamma Block Main Road										
0	0.6	No Slab	Sqm	1	0.60	0.00	0.00	0.00		0.00		
0.6	14.4		Sqm	1	13.80	0.75	0.75	0.75		10.35		
14.4	20	Bs Slab	Sqm	1	5.60	0.00	0.00	0.00		0.00		
20	32.7		Sqm	1	12.70	0.75	0.75	0.75		9.53		
32.7	42.1		Sqm	1	9.40	0.75	0.75	0.75		7.05		
		West Side										
		Cross Road -3										
		LHS (South Side)										
		From Mariyamma Block Main Road To Dead End										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		

67.1

Assistant Executive Engineer Vijayanagara Sub Division BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Contactor Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
30	40.5		Sqm	1	10.50	0.75	0.75	0.75		7.88		
40.5	55.65	Bs Slab	Sqm	1	15.15	0.00	0.00	0.00		0.00		
		West Side										
		Mariyamma Block Main Road (Cross Road 3 to Cross Road)										
		From Cross Road 4 to Cross Road 3										
0	7.45	Bs Slab	Sqm	1	7.45	0.00	0.00	0.00		0.00		
7.45	22.45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
22.45	30.8		Sqm	1	8.35	0.75	0.75	0.75		6.26		
		West Side										
		Mariyamma Block Main Road (Dead End)										
		From Dead End										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	24.2		Sqm	1	9.20	0.75	0.75	0.75		6.90		
		East Side										
		Mariyamma Block Main Road (Dead End)										
		From Dead End To Cross Road 6										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	18		Sqm	1	3.00	0.75	0.75	0.75		2.25		
18	23.9	Culvert	Sqm	1	0.00	0.00	0.00	0.00		0.00		
23.9	38.9		Sqm	1	15.00	0.75	0.75	0.75		11.25		
38.9	41.9		Sqm	1	3.00	0.75	0.75	0.75		2.25		
		Muniswamappa Layout (Devappa Layout)										
		Cross Road 1 (V.S Store To G.v Rama Rao House Road)										
		RHS (North Side)										
		From V.S Store To G.v Rama Rao House Road										
0	3.9		Sqm	1	3.90	0.90	0.90	0.90		3.51		
3.9	4.7		Sqm	1	0.80	0.75	0.75	0.75		0.60		
										141.75		

67-1

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
4.7	9.6		Sqm	1	4.90	0.90	0.90	0.90		4.41		
9.6	14.6		Sqm	1	5.00	0.75	0.75	0.75		3.75		
14.6	17.1	Bs Slab	Sqm	1	2.50	0.00	0.00	0.00		0.00		
17.1	32.1		Sqm	1	15.00	0.75	0.75	0.75		11.25		
32.1	41		Sqm	1	8.90	0.75	0.75	0.75		6.68		
41	46.4	Bs Slab	Sqm	1	5.40	0.00	0.00	0.00		0.00		
46.4	62.5		Sqm	1	16.10	0.75	0.75	0.75		12.08		
		Cross Road 2 (G.v Rama Rao House Road To Main Road)										
		LHS (North Side)										
		From G.v Rama Rao House Road To Main Road										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	56.5		Sqm	1	11.50	0.75	0.75	0.75		8.63		
56.5	60.6	Bs Slab	Sqm	1	4.10	0.00	0.00	0.00		0.00		
60.6	70.5		Sqm	1	9.90	0.75	0.75	0.75		7.43		
		Mariyamma Block										
		West Side										
		Cross Road 4										
		LHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	45		Sqm	1	15.00	0.75	0.75	0.75		11.25		
45	51		Sqm	1	6.00	0.75	0.75	0.75		4.50		
		RHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	17.7		Sqm	1	2.70	0.75	0.75	0.75		2.03		
17.7	20.3	Bs Slab	Sqm	1	2.60	0.00	0.00	0.00		0.00		
20.3	35.3		Sqm	1	15.00	0.75	0.75	0.75		11.25		
35.3	38.2		Sqm	1	2.90	0.75	0.75	0.75		2.18		
38.2	39.6	Bs Slab	Sqm	1	1.40	0.00	0.00	0.00		0.00		
39.6	52.85		Sqm	1	13.25	0.75	0.75	0.75		9.94		

141.75

1304.63

Assistant Executive Engineer
Vidyaranyapura Sub Divisi
BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
		West Side										
		Cross Road 5										
		LHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	9.8		Sqm	1	9.80	0.75	0.75	0.75		7.35		
9.8	11.55		Sqm	1	1.75	0.75	0.75	0.75		1.31		
11.55	25.9		Sqm	1	14.35	0.75	0.75	0.75		10.76		
25.9	27.16	Bs Slab	Sqm	1	1.26	0.00	0.00	0.00		0.00		
27.16	42.16		Sqm	1	15.00	0.75	0.75	0.75		11.25		
42.16	50.46		Sqm	1	8.30	0.75	0.75	0.75		6.23		
50.46	50.86	Bs Slab	Sqm	1	0.40	0.00	0.00	0.00		0.00		
		RHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	13.7		Sqm	1	13.70	0.75	0.75	0.75		10.28		
13.7	14.8	Bs Slab	Sqm	1	1.10	0.00	0.00	0.00		0.00		
14.8	20.65		Sqm	1	5.85	0.75	0.75	0.75		4.39		
20.65	21.55	Bs Slab	Sqm	1	0.90	0.00	0.00	0.00		0.00		
21.55	23.8		Sqm	1	2.25	0.75	0.75	0.75		1.69		
23.8	25.25	Bs Slab	Sqm	1	1.45	0.00	0.00	0.00		0.00		
25.25	29.05		Sqm	1	3.80	0.75	0.75	0.75		2.85		
29.05	30.4	Bs Slab	Sqm	1	1.35	0.00	0.00	0.00		0.00		
30.4	50.6		Sqm	1	20.20	0.75	0.75	0.75		15.15		
		East Side										
		Cross Road 3										
		LHS (North Side)										
		From Dead End To mariyamma Block Main Road										
0	10.2		Sqm	1	10.20	0.75	0.75	0.75		7.65		
10.2	10.8	Bs Slab	Sqm	1	0.60	0.00	0.00	0.00		0.00		
10.8	25.8		Sqm	1	15.00	0.75	0.75	0.75		11.25		
25.8	40		Sqm	1	14.20	0.75	0.75	0.75		10.65		
		RHS (South Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	38.4		Sqm	1	8.40	0.75	0.75	0.75		6.30		

304.63

4344.84

Assistant Executive Engineer
Mayaranyapura Sub Division
BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		East Side										
		Cross Road 4										
		LHS (North Side)										
		From mariyamma Block Main Road To Dead End										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
		RHS (South Side)										
		From Dead End To mariyamma Block Main Road										
0	15		Sqm	1	15.00	0.75	0.75	0.75		11.25		
15	30		Sqm	1	15.00	0.75	0.75	0.75		11.25		
30	36.8		Sqm	1	6.80	0.75	0.75	0.75		5.10		
		Kuvempu Nagar										
		4th Cross Masti Venkatesh iyengar Road										
		RHS (North Side)										
		From Singapura Main Road To Cross Road										
0	12.4		Sqm	1	12.40	0.90	0.90	0.90		11.16		
12.4	14.6	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
14.6	24.6		Sqm	1	10.00	0.90	0.90	0.90		9.00		
24.6	25.9	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
25.9	31.6		Sqm	1	5.70	0.90	0.90	0.90		5.13		
31.6	34.1	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
34.1	41.1		Sqm	1	7.00	0.90	0.90	0.90		6.30		
41.1	48.1	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
48.1	51.3		Sqm	1	3.20	0.90	0.90	0.90		2.88		
51.3	51.8	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
51.8	54.9		Sqm	1	3.10	0.90	0.90	0.90		2.79		
54.9	56.1	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
56.1	59.1		Sqm	1	3.00	0.90	0.90	0.90		2.70		
59.1	61	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
61	69		Sqm	1	8.00	0.90	0.90	0.90		7.20		
69	70.8	No Work	Sqm	1	0.00	0.00	0.00	0.00		0.00		
70.8	86.9		Sqm	1	16.10	0.90	0.90	0.90		14.49		
86.9	90	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
90	90.6		Sqm	1	0.60	0.90	0.90	0.90		0.54		
90.6	91.8	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
91.8	96.3		Sqm	1	4.50	0.90	0.90	0.90		4.05		
96.3	100.2	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
100.2	102.6		Sqm	1	2.40	0.90	0.90	0.90		2.16		
102.6	105.1	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		

434.24

553.18

Checked
Assistant Executive Engineer
Jayanagar Sub Division
BBMP, Bangalore - 97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
105.1	106.5		Sqm	1	1.40	0.90	0.90	0.90		1.26		
106.5	110.9	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
110.9	119	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
119	129.1	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
129.1	143		Sqm	1	13.90	0.90	0.90	0.90		12.51		
143	146.8	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
146.8	169.7		Sqm	1	22.90	0.90	0.90	0.90		20.61		
169.7	172.9	Bs Slab	Sqm	1	0.00	0.00	0.00	0.00		0.00		
172.9	175.3		Sqm	1	2.40	0.90	0.90	0.90		2.16		
		West Side										
		Mariyamma Block Main Road (Dead End)										
		From Culvert To New Drain										
0	15		Sqm	1	15.00	0.90	0.90	0.90		12.90		
15	20.5		Sqm	1	5.50	0.90	0.90	0.90		4.95		
20.5	33.4		Sqm	1	12.90	0.90	0.90	0.90		11.61		
		Missing Slab										
			Sqm	1	40.00	0.90	0.90	0.90		36.00		
									TOTAL	**655.28**	**2337.00**	**1531395.00**
									Tender Quantity	**655.46**		

Item no.11	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer in charge												
			Cum										
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								299.38			
									TOTAL	**299.38**	**1022.74**	**306188.00**	
									Tender Quantity	**301.40**			

Item no.12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. and as per the directions of the Engineer in charge												
			Sqm										
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								803.42			
									TOTAL	**803.42**	**41.34**	**33213.00**	
									Tender Quantity	**803.58**			

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer Vijayanagar Sub Division, BBMP, Bangalore - 97

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.13		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer in charge										
			Cum									
		Vide Total Executed Quantity from Pre Measurement Sheet page no.								344.84		
									TOTAL	**344.84**	**56.26**	**19400.00**
									Tender Quantity	**346.59**		
Item no.14		Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications. and as per the directions of the Engineer in charge										
Measurements Taken On :												
		Mariyamma Block										
		West Side										
		Cross Road 1										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	1	15.00	2.43	2.50	2.47	0.15	5.55		
15	28.4		Cum	1	13.40	2.50	2.60	2.55	0.15	5.13		
28.4	37		Cum	1	8.60	2.30	3.20	2.75	0.15	3.55		
		West Side										
		Cross Road 2										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	1	15.00	3.90	3.60	3.75	0.15	8.44		
15	30		Cum	1	15.00	3.60	2.30	2.95	0.15	6.64		
30	45		Cum	1	15.00	2.30	2.20	2.25	0.15	5.06		
45	61.5		Cum	1	16.50	2.20	3.35	2.78	0.15	6.87		
		Manhole Deduction										
			Cum	1	0.71				0.15	-0.11		
					(3.14*0.9)/4=0.71							
		Deduction Temple	Cum	-1	2.00	0.80	0.75	0.78	0.15	-0.23		

41.824

Assistant Executive Engineer, Mahadevapura Sub Division, BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
From	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
		West Side										
		Cross Road 4										
		From Mariyamma Block Main Road To Dead End										41.24
0	15		Cum	1	15.00	2.60	3.05	2.83	0.15	6.36		
15	30		Cum	1	15.00	3.05	3.10	3.08	0.15	6.92		
30	45		Cum	1	15.00	3.10	3.15	3.13	0.15	7.03		
45	52.8		Cum	1	7.80	3.15	3.00	3.08	0.15	3.60		
52.8	53.75		Cum	1	0.95	1.80	1.80	1.80	0.15	0.26		
		Manhole Deduction										
			Cum	2	0.71				0.15	-0.21		
					(3.14*0.9)/4=0.71							
		West Side										
		Cross Road 5										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	1	15.00	3.40	2.68	3.04	0.15	6.84		
15	30		Cum	1	15.00	2.68	3.00	2.84	0.15	6.39		
30	45		Cum	1	15.00	3.00	3.20	3.10	0.15	6.98		
45	50		Cum	1	5.00	3.20	3.00	3.10	0.15	2.33		
		Manhole Deduction										
			Cum	2	0.71				0.15	-0.21		
					(3.14*0.9)/4=0.71							
		West Side										
		Cross Road 6										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	1	15.00	3.00	2.75	2.88	0.15	6.47		
15	16.2		Cum	1	1.20	2.75	2.80	2.78	0.15	0.50		
16.2	31.2		Cum	1	15.00	3.35	3.00	3.18	0.15	7.14		
31.2	47.35		Cum	1	16.15	3.00	3.30	3.15	0.15	7.63		
		Manhole Deduction										
			Cum	2	0.71				0.15	-0.21		
					(3.14*0.9)/4=0.71							
		West Side										
		Cross Road 7										
		From Mariyamma Block Main Road To Dead End										
0	1.75	Above Culvert	Cum	1	1.75	3.85	4.00	3.93	0.15	1.03		
1.75	16.75		Cum	1	15.00	3.50	2.50	3.00	0.15	6.75		

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE PMC

11-10-17

Contactor Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
16.75	31.75		Cum	1	15.00	2.50	2.60	2.55	0.15	5.74		
31.75	39.85		Cum	1	8.10	2.60	3.50	3.05	0.15	3.71		
39.85	43.25		Cum	1	3.40	3.00	2.70	2.85	0.15	1.45		
		East Side										
		Cross Road 3										
		From Mariyamma Block Main Road To Dead End										
0	1.5	Above Culvert	Cum	1	1.50	3.30	3.10	3.20	0.15	0.72		
1.5	16.5		Cum	1	15.00	2.90	2.50	2.70	0.15	6.08		
16.5	31.5		Cum	1	15.00	2.50	2.40	2.45	0.15	5.51		
31.5	42		Cum	1	10.50	2.40	2.90	2.65	0.15	4.17		
42	44.7		Cum	1	2.70	3.40	3.00	3.20	0.15	1.30		
		Manhole Deduction										
			Cum	1	0.71				0.15	-0.11		
					(3.14*0.9)/4=0.71							
		East Side										
		Cross Road 4										
		From Mariyamma Block Main Road To Dead End										
0	15		Cum	1	15.00	2.90	2.45	2.68	0.15	6.02		
15	30		Cum	1	15.00	2.45	2.60	2.53	0.15	5.68		
30	36.8		Cum	1	6.80	2.60	2.25	2.43	0.15	2.47		
		East Side										
		Cross Road 5										
		From Mariyamma Block. Main Road To Dead End										
0	15		Cum	1	15.00	4.40	4.20	4.30	0.15	9.68		
15	30		Cum	1	15.00	4.20	4.50	4.35	0.15	9.79		
30	38		Cum	1	8.00	4.50	3.55	4.03	0.15	4.83		
		MuniSwamappa Layout (Devappa Block)										
		G.v Rama Rao (Editor House)										
		From Dead End to Devappa Block)										
0	1.3		Cum	1	1.30	3.80	4.00	3.90	0.15	0.76		
1.3	16.3		Cum	1	15.00	3.30	3.60	3.45	0.15	7.76		
16.3	20.1		Cum	1	3.80	3.60	3.30	3.45	0.15	1.97		
20.1	22.1	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00		
22.1	31.3		Cum	1	9.20	3.60	3.65	3.63	0.15	5.00		

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST and FINAL BILL

CLIENT:Executive Engineer, Karnataka Rural infrastructure development Ltd #280, 59th Cross road, 17th 'C'Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
31.3	46.3		Cum	1	15.00	3.65	3.30	3.48	0.15	7.82		
46.3	61.3		Cum	1	15.00	3.30	3.60	3.45	0.15	7.76		
61.3	81		Cum	1	19.70	3.60	4.40	4.00	0.15	11.82		
		Manhole Deduction										
			Cum	3	0.71				0.15	-0.32		
					(3.14*0.9)/4=0.71							
		Varadaraj Nagar 2nd Main Road From Singapura Main Road To Dead End										
0	15		Cum	1	15.00	5.70	4.50	5.10	0.15	11.48		
15	30		Cum	1	15.00	4.50	5.00	4.75	0.15	10.69		
30	45		Cum	1	15.00	5.00	5.20	5.10	0.15	11.48		
45	58.8		Cum	1	13.80	5.65	6.05	5.85	0.15	12.11		
58.8	75		Cum	1	16.20	5.70	4.50	5.10	0.15	12.39		
75	90		Cum	1	15.00	4.50	3.90	4.20	0.15	9.45		
90	105		Cum	1	15.00	4.20	4.80	4.50	0.15	10.13		
105	113.8		Cum	1	8.80	4.80	4.40	4.60	0.15	6.07		
113.8	121.7		Cum	1	7.90	4.40	3.60	4.00	0.15	4.74		
121.7	142.2		Cum	1	20.50	3.60	5.20	4.40	0.15	13.53		
142.2	153.6		Cum	1	11.40	3.60	3.60	3.60	0.15	6.16		
153.6	170		Cum	1	16.40	3.80	3.75	3.78	0.15	9.29		
170	176		Cum	1	6.00	(3.8+4.1+2.85)/3		3.58	0.15	3.23		
		Manhole Deduction										
			Cum	2	0.71				0.15	-0.21		
					(3.14*0.9)/4=0.71							
									TOTAL	**346.59**	**5210.96**	**1806046.00**
									Tender Quantity	**346.59**		
											SUB TOTAL AMOUNT	**8357218.00**
											Add KRIDL @3+1=4%	**334289**
											Add GST @ 12%	**1002866**
											TOTAL AMOUNT	**9694372.88**

Assistant Executive Engineer Vijayanagara Sub Division BBMP, Bangalore-97

RUDRAPRASAD CONSULTANTS BANGALORE